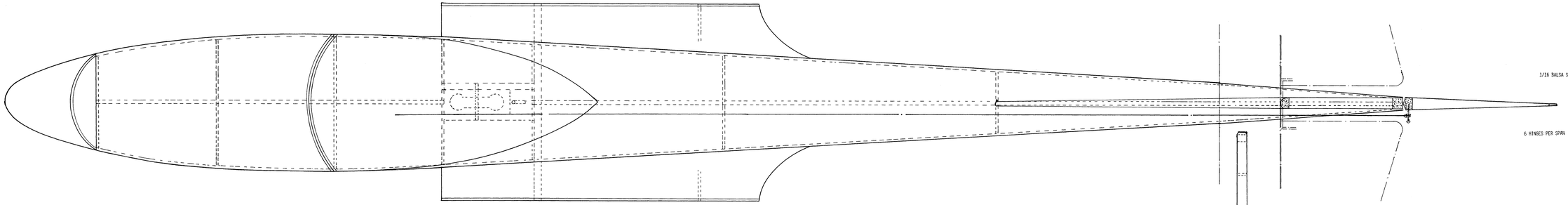
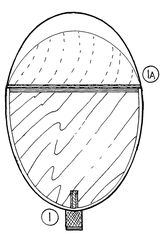
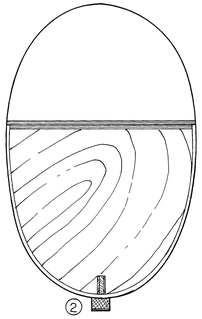
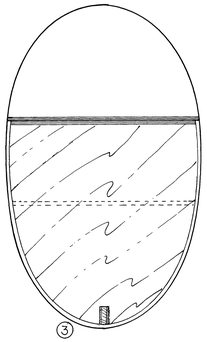
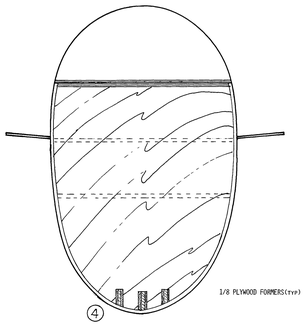


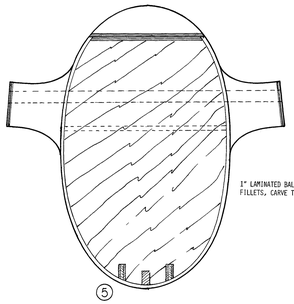




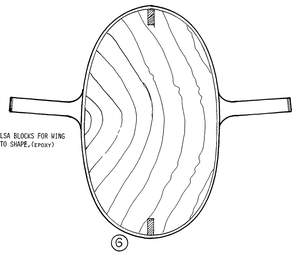


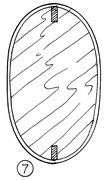


1/8 PLYWOOD FORMERS(typ)

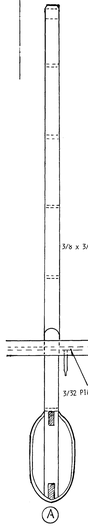


1" LAMINATED BALSA BLOCKS FOR WING FILLETS, CARVE TO SHAPE,(epoxy)

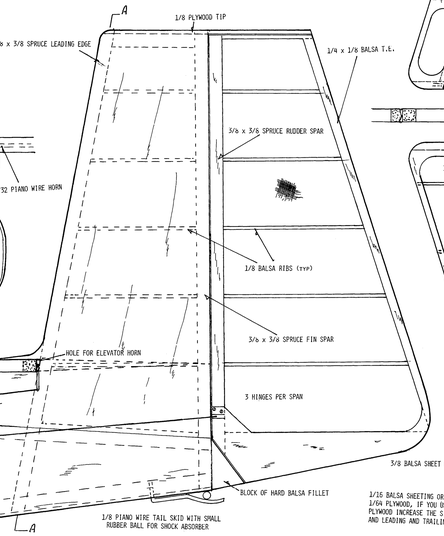


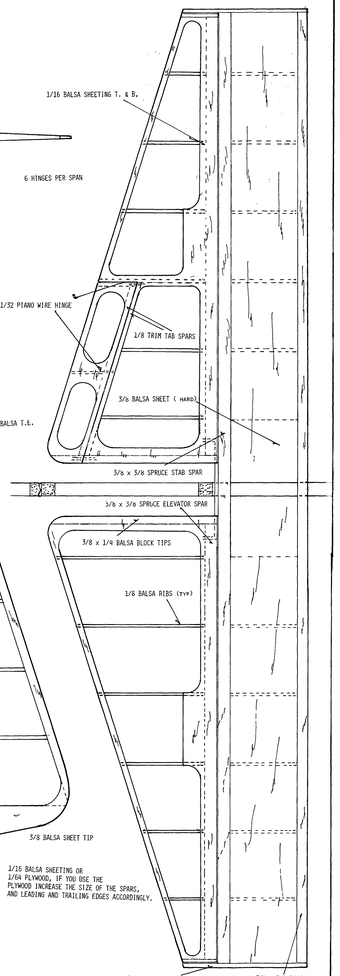


EPOXY THE JOINT BETWEEN THE STAB AND THE DORSAL FIN, AS IT VILL TAKE A GREAT DEAL OF FORCE.

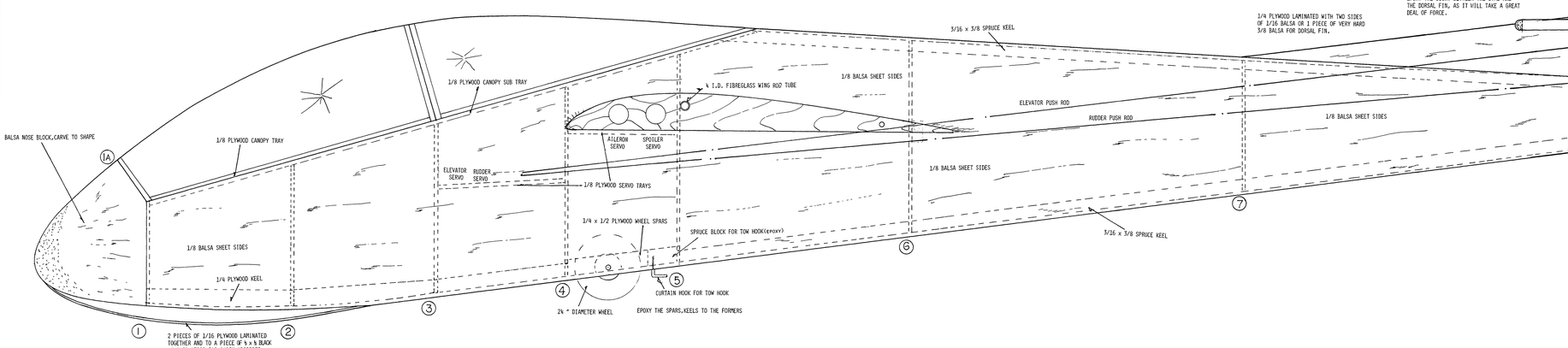


1/4 PLYWOOD LAMINATED WITH TWO SIDES OF 1/16 BALSA OR 1 PIECE OF VERY HARD 3/8 BALSA FOR DORSAL FIN.


1/8 PLYWOOD TIP
1/4 x 1/8 BALSA T.E.
3/8 x 3/8 SPRUCE RUDDER SPAR
1/8 BALSA RIBS (typ)
3/8 x 3/8 SPRUCE FIN SPAR
3 HINGES PER SPAN
3/8 BALSA SHEET TIP
HOLE FOR ELEVATOR HORN
BLOCK OF HARD BALSA FILLET
1/8 PIANO WIRE TAIL SKID WITH SMALL RUBBER BALL FOR SHOCK ABSORBER
A


1/16 BALSA SHEETING T. & B.
6 HINGES PER SPAN
1/32 PIANO WIRE HINGE
1/8 TRIM TAB SPARS
3/8 BALSA SHEET (HARD)
3/8 x 3/8 SPRUCE STAB SPAR
3/8 x 3/8 SPRUCE ELEVATOR SPAR
3/8 x 1/8 BALSA BLOCK TIPS
1/8 BALSA RIBS (typ)
1/8 PLYWOOD TIPS
3/8 x 3/8 BALSA L.E.

1/16 BALSA SHEETING OR 1/64 PLYWOOD, IF YOU USE THE PLYWOOD INCREASE THE SIZE OF THE SPARS, AND LEADING AND TRAILING EDGES ACCORDINGLY.

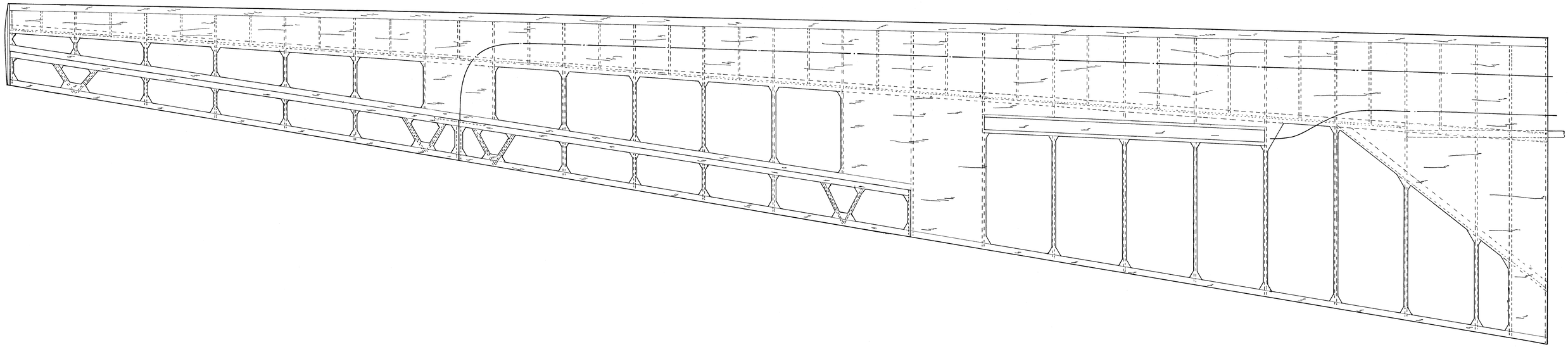


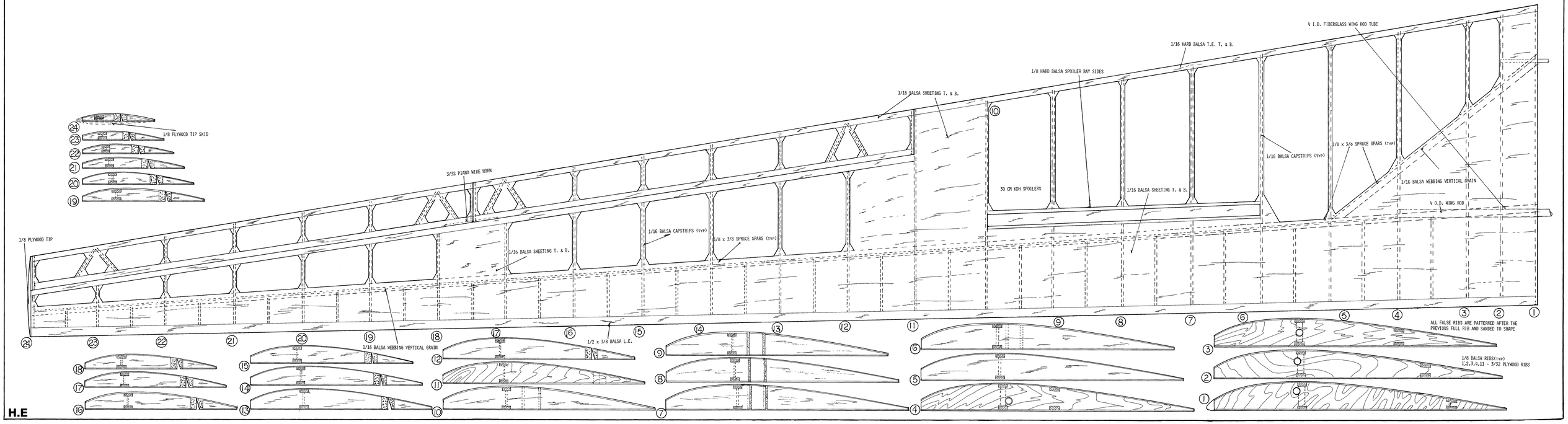
"HOT-STUFF" SHOULD BE USED THROUGHOUT FOR STRENGTH, "FABRIKOTE" OR "COVERITE" SHOULD BE USED FOR ALL FABRIC COVERED SURFACES

SZD-9 bis Bocian 1E

DESIGNED,DRAWN, AND INKED
10 . 80 BY

H.E




1/8 PLYWOOD TIP SKID
3/32 PIANO WIRE HORN
1/8 PLYWOOD TIP
1/16 BALSA SHEETING T. & B.
1/16 BALSA CAPSTRIPS (TYP)
1/8 x 3/8 SPRUCE SPARS (TYP)
1/16 BALSA WEBBING VERTICAL GRAIN
1/2 x 3/8 BALSA L.E.
1/16 BALSA SHEETING T. & B.
1/8 HARD BALSA SPOILER BAY SIDES
1/16 HARD BALSA T.E. T. & B.
4 I.D. FIBERGLASS WING ROD TUBE
1/16 BALSA CAPSTRIPS (TYP)
1/8 x 3/8 SPRUCE SPARS (TYP)
30 CM KOH SPOILERS
1/16 BALSA SHEETING T. & B.
1/16 BALSA WEBBING VERTICAL GRAIN
4 O.D. WING ROD
ALL FALSE RIBS ARE PATTERNED AFTER THE PREVIOUS FULL RIB AND SANDED TO SHAPE
1/8 BALSA RIBS(TYP)
1/2,5,9,11 - 3/32 PLYWOOD RIBS

H.E